APPLN. FILING DATE: SEPTEMBER 25, 2006
TITLE: TRIMETASPHERES AS DRY LUBRICANTS, WET LUBRICANTS, LUBRICANT ADDITIVES, LUBRICANT
"COATINGS, CORROSION-RESISTANT COATINGS AND THERMALLY-CONDUCTIVE MATERIALS INVENTOR(S): CHARLES B. GAUSE
ATTY DKT No.: 1034136-000037

SHEET 1 OF 2

Empty Cage Fullerenes

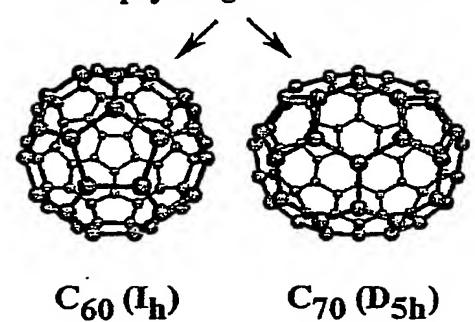


FIG. 1

Classical Metallofullerene

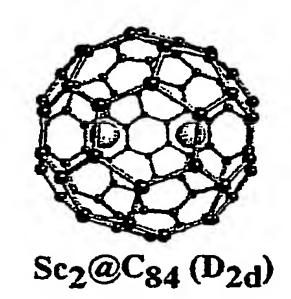
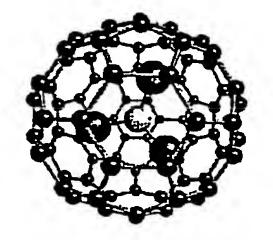


FIG. 2

nano **Trimetasphere**



 $Sc_3N@C_{80}(I_h)$

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SHEET 2 OF 2

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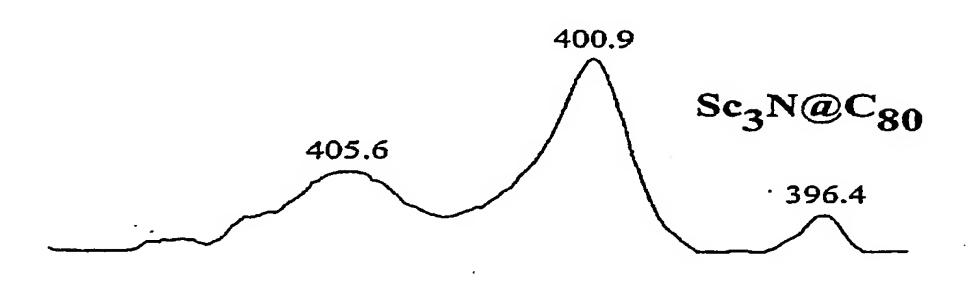


FIG. 4A

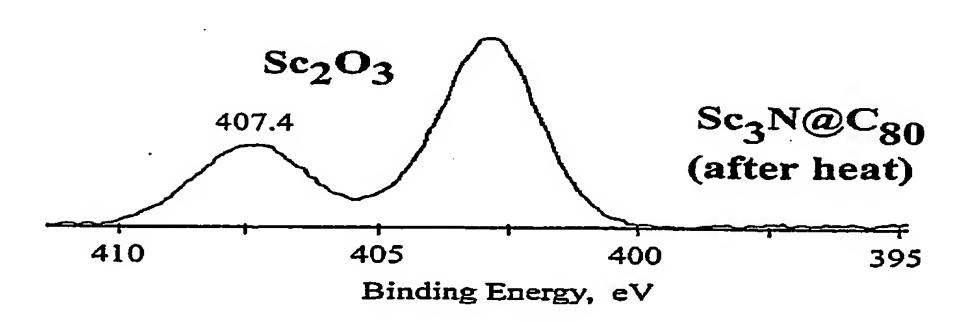


FIG. 4B



FIG. 4C